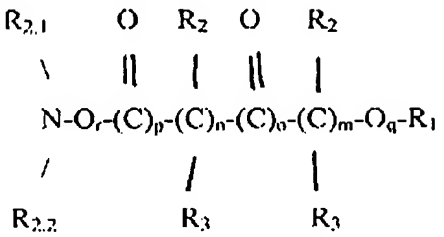
IN THE CLAIMS

1. (Original) A compound according to formula I



I

wherein R1 = -H, -CN, -COO+, -COS-, -COOH, -COSH, -COOR1.1, -COSR1.1, N-phthalimidyl,

wherein R1.1 = -H, C1-10 alkyl, C1-10 aralkyl or aryl,

wherein R2 = -H, C1-C4 alkyl, -OR1.1, -Hal (-F -Cl, -Br, -J), -NR2.1R2.2, -Am, -O-Am, -S-Am,

wherein R3 = -H, C1-C4 alkyl, -OR1.1, -Hal (-F -Cl, -Br, -J), -NR2.1R2.2, -Am, -O-Am, -S-Am,

wherein R2.1 = -H, C1-10 alkyl, C1-10 aralkyl or aryl,

wherein R2.2 = -H, C1-10 alkyl, C1-10 aralkyl or aryl,

wherein R2.1 and R2.2 may be identical or different,

wherein n and m may be identical or different and 0 to 10,

wherein o and p may be identical or different and 0 to 3,

wherein o + p = 0, if n and m = 0,

wherein R2 and R3 may be identical or different for Cn and/or Cm,

wherein R2 may be identical or different for every Cx, x = 1 ... n,

wherein R3 may be identical or different for every Cy, y = 1 ... m,

wherein -Am is an amino acid radical,

wherein q and r = 0 or 1 and identical or different,

wherein $-O_r-$ and/or $-O_q-$ may also be replaced by $-S_r-$ or $-S_q-$, resp.,

wherein -NR2.1R2.2 may be replaced by a linear or branched -C1-C20 alkyl, aralkyl or aryl,

wherein a group -CN, -(CO)-CN, -(CO)-O-R1 or -(CO)-R1 or -C-O-R1 may be replaced by $-SO_2$-NR2.1R2.2,

or a physiologically well tolerated salt of such a compound.

2. (Original) A compound according to claim 1, wherein R1 -CN.

3. (Currently Amended) A compound according to claim 1 or 2, wherein at least one of the R2 ~~comprises~~ is -Am, wherein -Am preferably represents an amino acid radical of an essential amino acid, wherein in particular q = 0 and r = 1 or q = 1 and r = 0 or q = 1 and r = 1, m = 1, R3 = -H, n o p 0, R2.1 R2.2 -H.

4. (Previously Presented) A compound according to claim 1 or 2, wherein n = o p 0, wherein m = 0 to 4, wherein R2 = R3 = -H, or for at least one R2, R2= - Am, wherein R2.1 = R2.2 = -H, wherein q = 0 and r = 1.

5. (Previously Presented) A compound according to claim 1 or 2, wherein m = p = 0, wherein o 1, wherein n 0 to 4, wherein R2 = H, or for at least one R2, R2 - Am, wherein R3 -H or -Hal in the case Cx = 1, wherein R3 = -H for all Cx = n > 1, wherein R2.1 = R2.2 = -H, wherein q = 0 and r 1.

6. (Previously Presented) A compound according to claim 1 or 2, wherein m = 1 to 4, wherein n o p 0, wherein R2 H, or for at least one R2, R2 - Am, wherein R3 -H or -Hal in the case Cy = 1, wherein R3 = -H for all Cy = m > 1, wherein R2.1 - R2.2 = -H, wherein q = 0 and r = 1.

7. (Previously Presented) A compound according to claim 1 or 2, wherein o – p = 1, wherein m = 0, wherein n = 0 to 4, wherein R2 = R3 = -H, or for at least one R2, R2– = Am, wherein R2.1 = R2.2 = -H, wherein q = 0 and r = 1.

8. (Previously Presented) A compound according to claim 1 or 2, wherein n = p = 0, wherein o = 1, wherein m = 0 to 4, wherein R2 = R3 = -H, or for at least one R2, R2– = Am, wherein R2.1 = R2.2 = -H, wherein q = 0 and r = 1.

9. (Previously Presented) A compound according to claim 1 or 2, wherein m = p = 0, wherein o = 1, wherein n = 1 to 4, wherein R2 = R3 = -H, or for at least one R2, R2 = Am, wherein R2.1 = R2.2 = -H, wherein q = 0 and r = 1.

10. (Cancelled)

11. (Cancelled)

12. (Previously Presented) A pharmaceutical composition, wherein a compound according to Claim 1 is mixed with one or several physiologically well tolerated auxiliary substances and/or carrier substances and galenically prepared for local, oral, or systemic administration comprising intravenous administration.

13. (Previously Presented) A method for inhibiting in vivo glycolysis or glutaminolysis of pyruvate kinase, asparaginase, serine dehydratases, transaminases, glutamate oxalacetate transaminase, glutamate pyruvate transaminase, glutamate dehydrogenase, malate dehydrogenase, desaminases or glutaminases in prokaryotes or eukaryotes comprising administering a pharmaceutical composition comprising the compound according to Claim 1.

14. (New) A method for treating cancer comprising administering a pharmaceutical composition according to Claim 12.